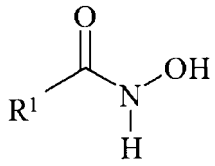
CLAIMS LISTING

1.(previously presented) An ink-jet recording material comprising a support and at least one ink-receiving layer containing at least one non-polymeric compound according to formula (I):



formula (I)

wherein,

R^1 is selected from the group consisting of $-CR^2R^3R^4$ and $-OCR^5R^6R^7$,

R^2, R^3, R^5 and R^6 are independently selected from the group consisting of hydrogen, unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms;

R^4 and R^7 are independently selected from the group

consisting of unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms;

R^3 and R^4 may represent the necessary atoms to form a 5- to 8-membered ring, and

R^5 and R^7 may represent the necessary atoms to form a 5- to 8-membered ring.

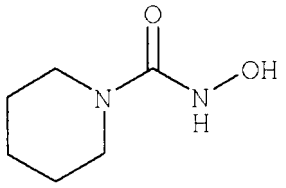
2.(original) An ink-jet recording material according to claim 1 wherein said recording material further comprises a filler in said at least one ink-receiving layer.

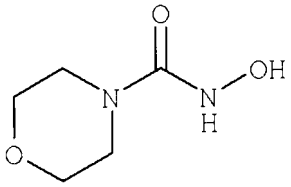
3.(original) An ink-jet recording material according to claim 2 wherein said filler is an inorganic filler.

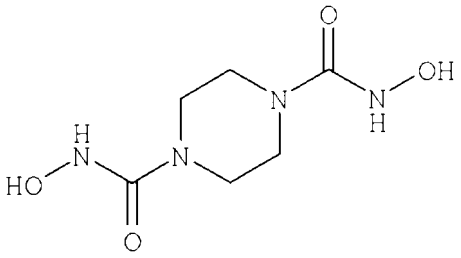
4.(original) An ink-jet recording material according to claim 3 wherein said inorganic filler is selected from the group consisting of silica, alumina, alumina hydrate, and aluminum trihydroxide.

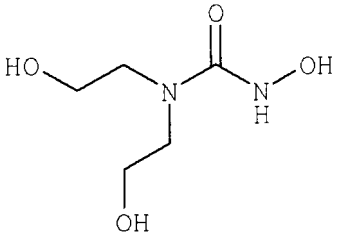
5.(previously presented) An ink-jet recording material according to claim 1 wherein the at least one ink-receiving layer comprises a hydrophilic binder.

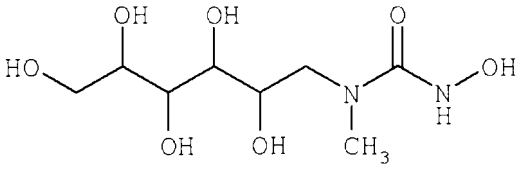
6.(original) An ink-jet recording material according to claim 5 wherein said hydrophilic binder is a polyvinyl alcohol.

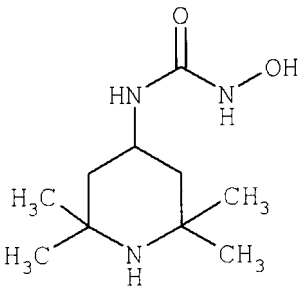
7.(previously presented) An ink-jet recording material comprising a support and at least one ink-receiving layer comprising at least one non-polymeric compound selected from the group consisting of  ,

 ,

 ,

 ,

 ,



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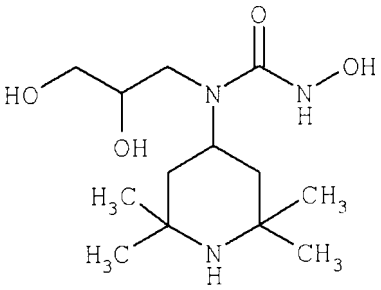

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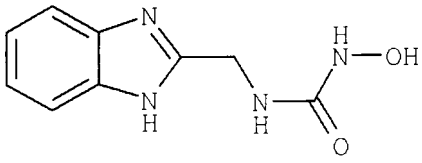

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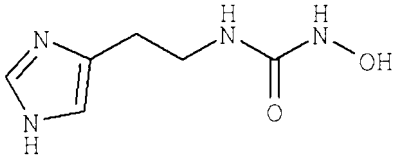

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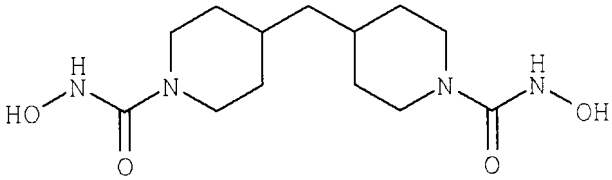

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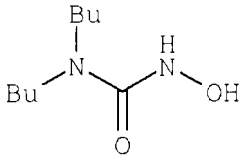

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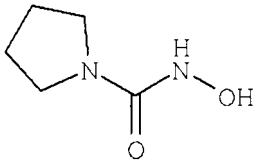

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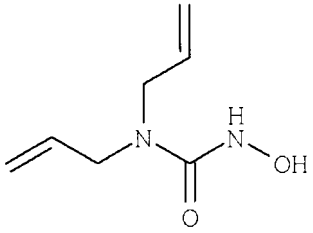

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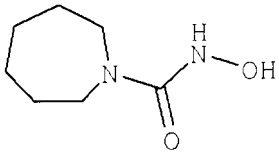

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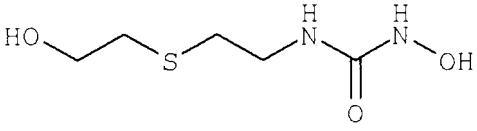

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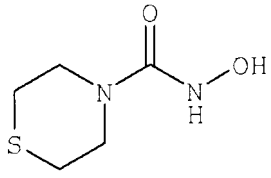

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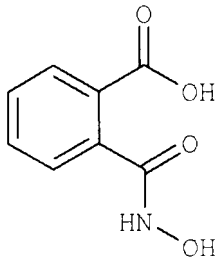

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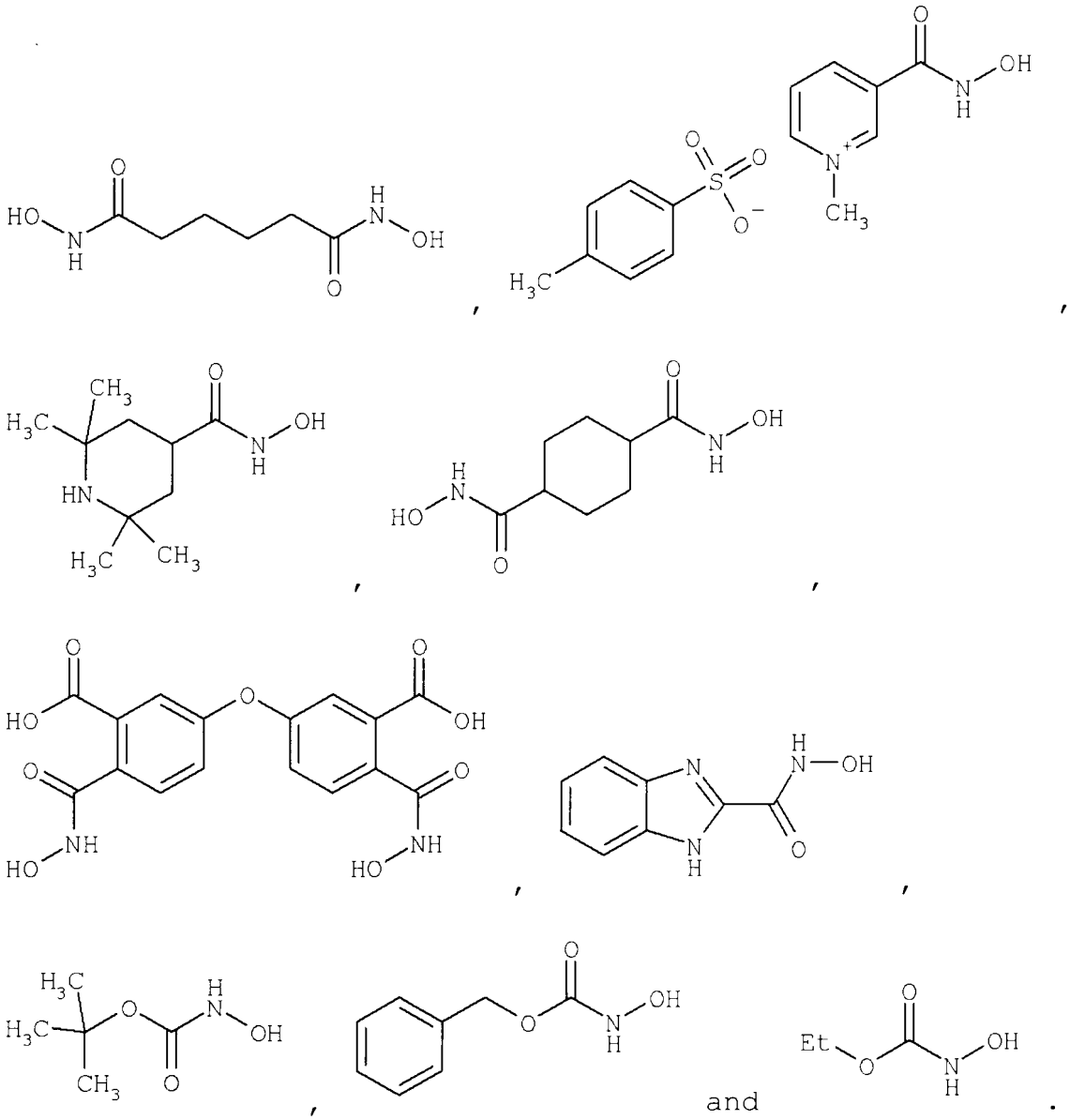
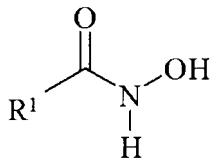


8.(cancelled)

9.(cancelled)

10.(withdrawn-previously presented) An ink-jet image comprising at least one ink-jet ink on an ink-jet recording

material, wherein said ink-jet image contains a non-polymeric compound according to formula (I) :



formula (I)

wherein,

R^1 is selected from the group consisting of $-CR^2R^3R^4$, $-OCR^5R^6R^7$ and $-NR^8R^9$,

R^2, R^3, R^5 and R^6 are independently selected from the group consisting of hydrogen, unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring;

R^8 is selected from the group consisting of hydrogen, unsubsituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with

heteroatoms, a substituted or unsubstituted aromatic ring and unsubstituted saturated or unsaturated alicyclic groups;

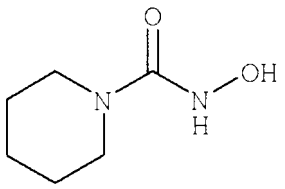
R^4 and R^7 are independently selected from the group consisting of unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring;

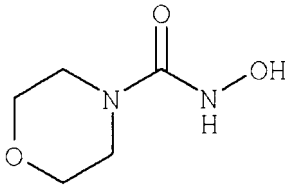
R^9 is selected from the group consisting of unsubsituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic ring and unsubstituted saturated or unsaturated alicyclic groups;

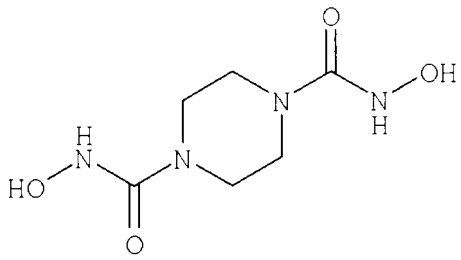
R^3 and R^4 may represent the necessary atoms to form a 5- to 8-membered ring,

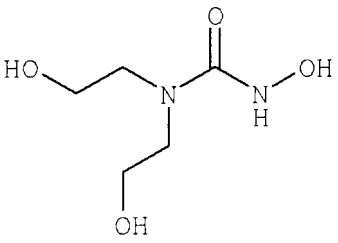
R^5 and R^7 may represent the necessary atoms to form a 5- to 8-membered ring, and

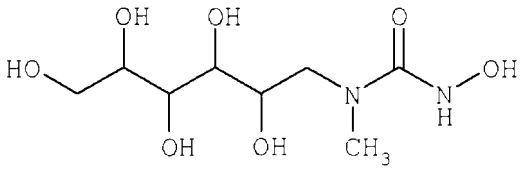
R^8 and R^9 may represent the necessary atoms to form a 5- to 8-membered ring.

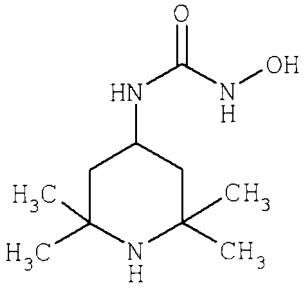
11.(withdrawn) Ink-jet image according to claim 10, wherein said non-polymeric compound according to formula (I) is selected from the group consisting of  ,

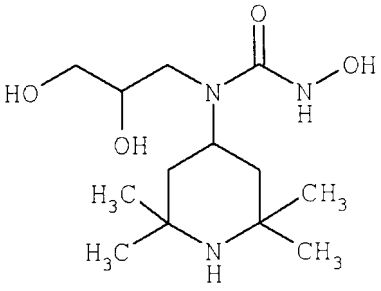
 ,

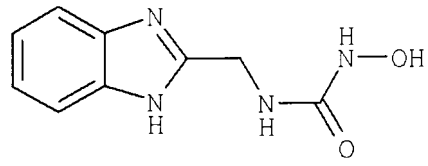
 ,

 ,

 ,

 ,

 ,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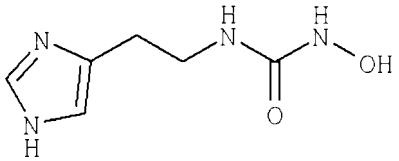
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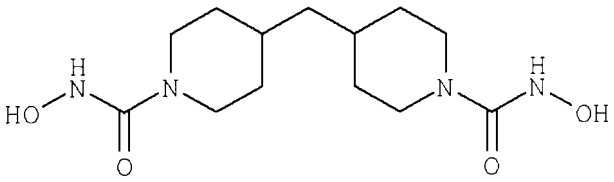
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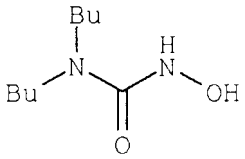
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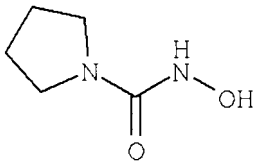
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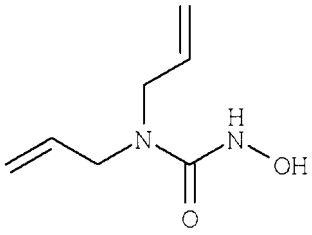
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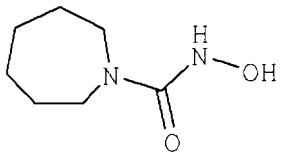
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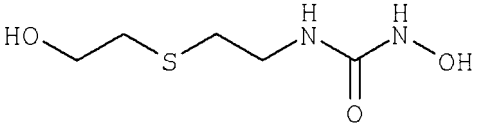
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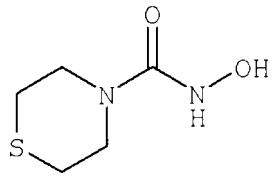
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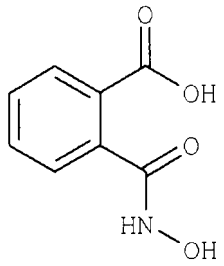
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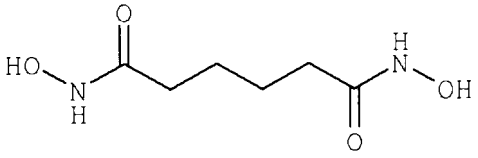
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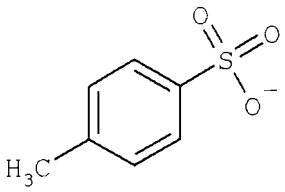
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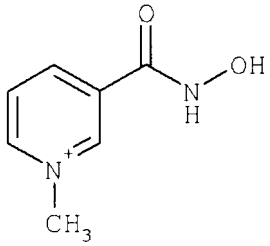
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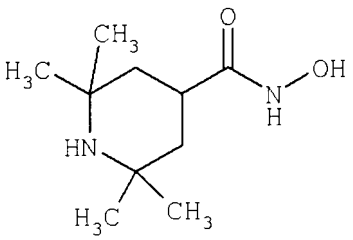
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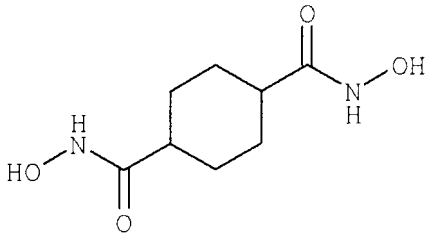
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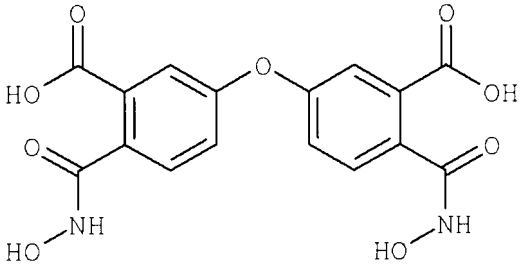
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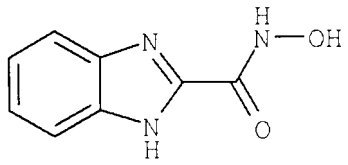
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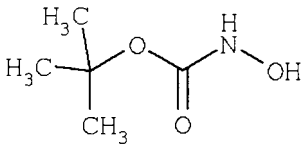
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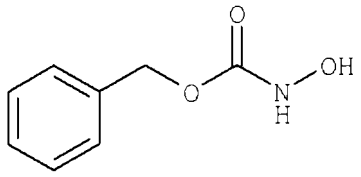
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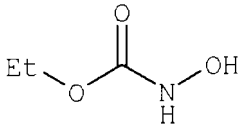
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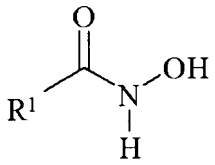
12.(withdrawn) A process for the use of a non-polymeric compound according to formula (I) :



formula (I)

wherein,

R^1 is selected from the group consisting of $-CR^2R^3R^4$, $-OCR^5R^6R^7$ and $-NR^8R^9$,

R^2, R^3, R^5, R^6 and R^8 are independently selected from the

group consisting of hydrogen, unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring;

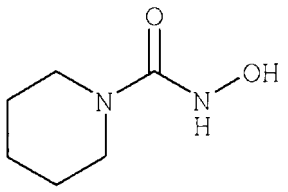
R^4, R^7 and R^9 are independently selected from the group consisting of unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring;

R^3 and R^4 may represent the necessary atoms to form a 5- to 8-membered ring,

R^5 and R^7 may represent the necessary atoms to form a 5- to 8-membered ring, and

R^8 and R^9 may represent the necessary atoms to form a 5- to 8-membered ring; comprising the step of including said non-polymeric compound in an ink-jet ink, an ink-jet recording material or a liquid for coating on an ink-jet image.

13.(withdrawn) Process according to claim 12, wherein said non-polymeric compound according to formula (I) is selected from the group consisting of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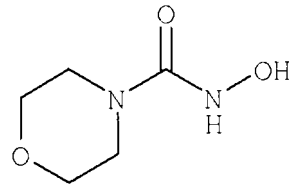
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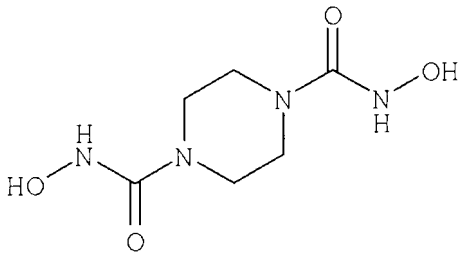
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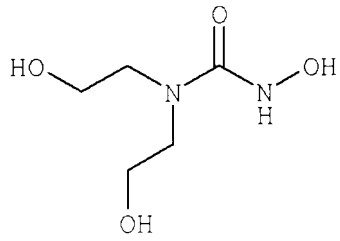
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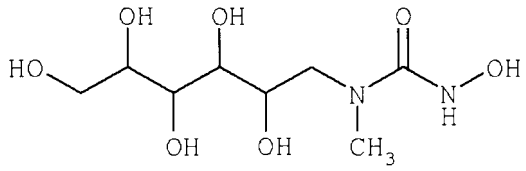
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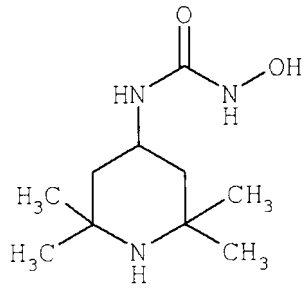
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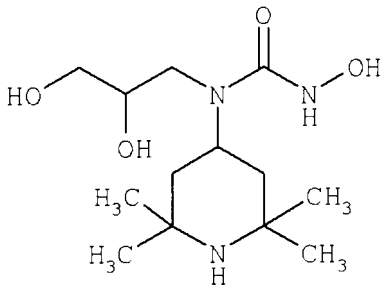
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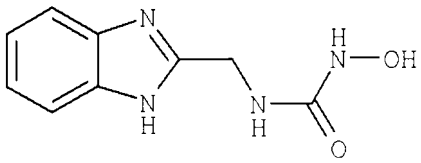
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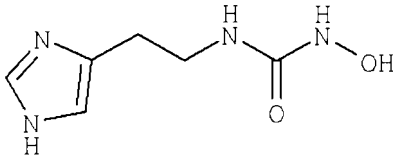
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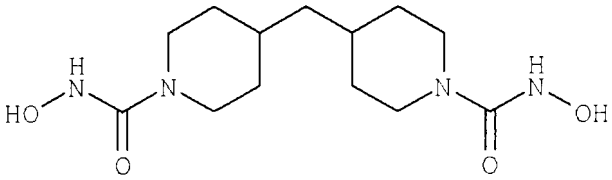
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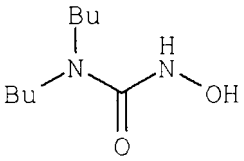
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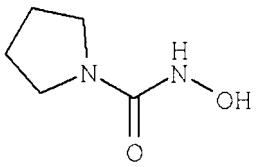
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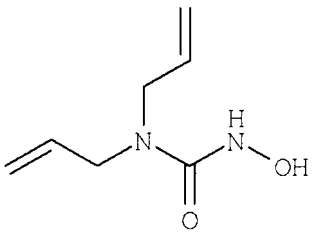
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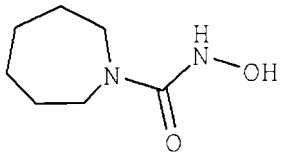
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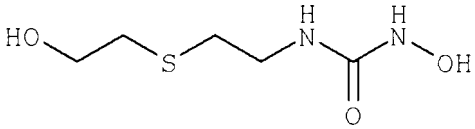
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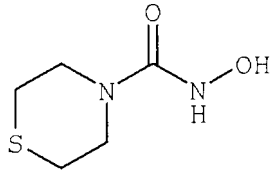
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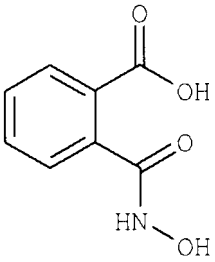
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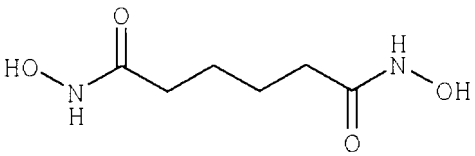
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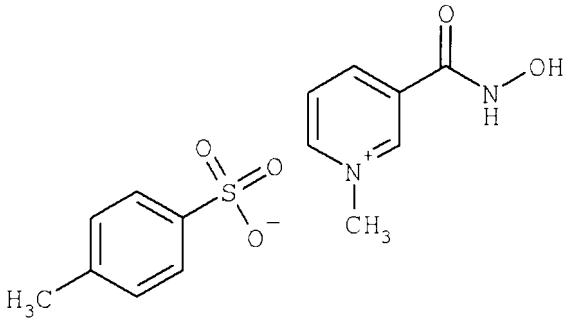
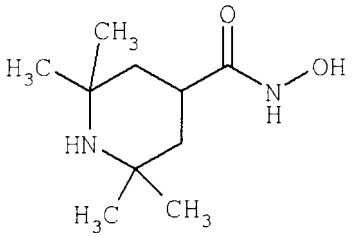
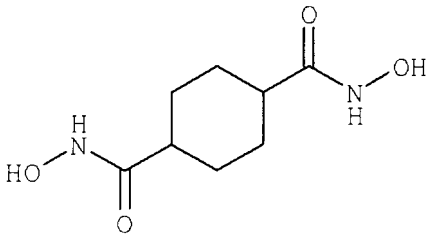
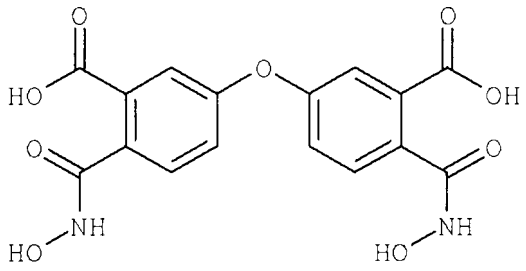
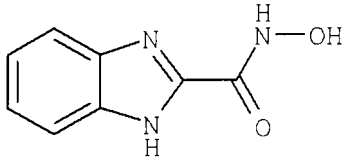
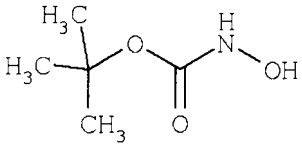
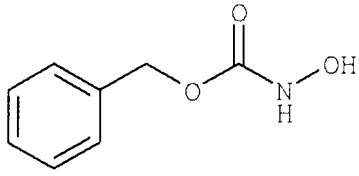
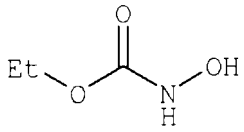







and  .

14.(cancelled)

15-26.(cancelled)

27.(previously presented) An ink-jet recording material according to claim 7 wherein said recording material

further comprises a filler in said at least one ink-receiving layer.

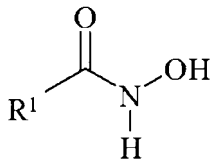
28.(previously presented) An ink-jet recording material according to claim 27 wherein said filler is an inorganic filler.

29.(previously presented) An ink-jet recording material according to claim 28 wherein said inorganic filler is selected from the group consisting of silica, alumina, alumina hydrate, and aluminum trihydroxide.

30.(previously presented) An ink-jet recording material according to claim 7 wherein the binder of the at least one ink-receiving layer is a hydrophilic binder.

31.(previously presented) An ink-jet recording material according to claim 30 wherein said hydrophilic binder is a polyvinyl alcohol.

32.(new) An ink-jet recording material comprising a support and at least one ink-receiving layer containing at least one non-polymeric compound according to formula (I):



formula (I)

wherein,

R^1 is NR^8R^9,

R^8 is selected from the group consisting of hydrogen, unsubstituted saturated or unsaturated aliphatic groups, a substituted or unsubstituted aromatic ring, and an unsubstituted saturated or unsaturated alicyclic groups;

R^9 is selected from the group consisting of unsubstituted saturated or unsaturated aliphatic groups, a substituted or unsubstituted aromatic ring and an unsubstituted saturated or unsaturated alicyclic groups; and

R^8 and R^9 may represent the necessary atoms to form a 5- to 8-membered ring.

33. (new) An ink-jet recording material according to claim 32 wherein said recording material further comprises a filler in said at least one ink-receiving layer.

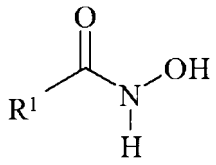
34. (new) An ink-jet recording material according to claim 33 wherein said filler is an inorganic filler.

35.new) An ink-jet recording material according to claim 33 wherein said inorganic filler is selected from the group consisting of silica, alumina, alumina hydrate, and aluminum trihydroxide.

36.(new) An ink-jet recording material according to claim 32 wherein the binder of the at least one ink-receiving layer is a hydrophilic binder.

37.(new) An ink-jet recording material according to claim 36 wherein said hydrophilic binder is a polyvinyl alcohol.

38.(new) An ink-jet recording material comprising a support and at least one ink-receiving layer containing at least one non-polymeric compound according to formula (I):



formula (I)

wherein,

R^1 is $-NR^8R^9$,

R^8 is independently selected from the group consisting of unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted heteroaromatic ring, and

saturated or unsaturated alicyclic groups substituted with heteroatoms; and

R^9 is independently selected from the group consisting of saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted heteroaromatic ring, saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or unsubstituted heteroaromatic ring.

39. (new) An ink-jet recording material according to claim 38 wherein said recording material further comprises a filler in said at least one ink-receiving layer.

40. (new) An ink-jet recording material according to claim 39 wherein said filler is an inorganic filler.

41. (new) An ink-jet recording material according to claim 40 wherein said inorganic filler is selected from the group consisting of silica, alumina, alumina hydrate, and aluminum trihydroxide.

42. (new) An ink-jet recording material according to claim 38 wherein the binder of the at least one ink-receiving layer is a hydrophilic binder.

43. (new) An ink-jet recording material according to claim 42 wherein said hydrophilic binder is a polyvinyl alcohol.